

Work Order ID 148685

Wednesday, September 07, 2016 7:52:59 AM

148685

Page 1

Item ID: D412-702-307

Accept

N900040100Setup Start ***NS1***

Revision ID:

Stop ***NS2***

Item Name: Harness Assembly

Start Date: 6/29/2016 Start Qty: 2.00

2

Cust Item ID:

Required Date: 7/5/2016 Req'd Qty: 2.00

2

Customer:

Reference:

Approvals: Process Plan:

DAS
21
8-89

Date: SEP 07 2016

Tooling:

Date:

Run Start ***NR1***

QC:

Date:

SPC (Y/N):

Date:

Stop ***NR2***Sequence ID/
Work Center IDOperation
DescriptionSet Up/
Run Hours

Tool ID

Tool #

Plan
CodeAccept
QtyReject
QtyReject
NumberInsp.
Stamp

Draw Nbr

Revision Nbr

ICAD412-702

4

Pict

SEP 07 2016

DAS
6
9-89

100

0.00

100

Small Fab

Memo

0.07

Small Fab

Assemble as per dwg ICA D412-702 p.49

2X

DAS
36
9-89
16/09/15

110

QC5- Inspect part completeness to step on W/O

0.00

110

QC

Memo

0.01

Quality Control

(2)

DAS
38
9-89
SEP 13 2016

120

0.00

120

Packaging

Memo

0.00

Packaging

Identify with P/N & CHG# and pack for shipping as per PPP D412-702-307

CHG001

Location: St 460

PPP Rev: _____

2

SEP 14 2016

DAS
6
9-89

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Date :		Step #:		QTY Effective :			MRB (QSI042) Approval		
Description Work Order Deviation				Disposition				Completed By Lead hand / Supervisor Approval Verification QC / QA Coordinator Approval	
Root Cause		FAULT CATEGORY							
Environment ☐	No Re-verification ☐	Pressure/Forced ☐	Temperature/Cure ☐	Power Loss/Surge ☐	Positioned Wrong ☐				
Design ☐	Operator ☐	Bending ☐	Set-up ☐	Folio/Program ☐	Outside Dimensions ☐				
Doc/Data ☐	Offset/Setup ☐	Centre Not Concentric ☐	BOM/Route ☐	Grain ☐	Over/Under tolerance ☐				
Equip/Tooling ☐	Supplier ☐	Cracks ☐	Broken/Damage/Defect ☐	Weld ☐	Part Incorrect ☐				
Handling/Pre ☐	Training ☐	Crimp/Kink/Ripple/Wave ☐	Inspection Incomplete/Unqualified ☐	Wrong Stock Pulled ☐	Part Lost/Missing ☐				
Material ☐	Use for Testing ☐	Cuffs ☐	Contamination ☐	Out of Sequence ☐	Part Moved ☐				
Internal Transport ☐	Poor Information ☐	Crushing ☐	Countersink ☐	Off-set ☐	Drawing ☐				
Tribal Knowledge ☐	Rushing ☐	Heat Treat ☐	Cut Too Short ☐	Mislabeled ☐	Finish ☐				
LOA ☐	Product Improvement ☐	Wave/Twist in Tube ☐	Instructions Incomplete/Unclear ☐	Fit/Function ☐	Misread ☐				
Substation ☐	Process Improvement ☐	Marks/Chatter ☐	Drill Holes ☐	Misaligned/off center ☐	Turning Sequence ☐				
Past Expiry Date ☐	Manufacturing Process ☐								
Misidentified ☐	Past Due ☐	OTHER :							

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148685

Page 2

Item ID: D412-702-307**Revision ID:****Item Name:** Harness Assembly**Start Date:** 6/29/2016 **Start Qty:** 2.00**Required Date:** 7/5/2016 **Req'd Qty:** 2.00**Reference:****Approvals:** **Process Plan:** **Date:****QC:** **Date:****Sequence ID/
Work Center ID**

130

130

QC

Quality Control

**Operation
Description**

QC21- Final Inspection - Work Order Release

Memo**Accept*****N900040100*****Setup Start *NS1*****Stop *NS2*****Cust Item ID:****Customer:****Tooling:** **Date:****SPC (Y/N):** **Date:****Run Start *NR1*****Stop *NR2***

Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
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Set Up/ Run Hours

0.00

0.03

DAS
21
9-89

SEP 14 2016

DAS
21
9-89

SEP 14 2016

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS <table style="width:100%; border: none;"> <tr> <td style="border: none;">Skid-tube ☐</td> <td style="border: none;">Cross tube ☐</td> <td style="border: none;">Water Jet ☐</td> <td style="border: none;">Engineering ☐</td> </tr> <tr> <td style="border: none;">Machining ☐</td> <td style="border: none;">Small Fab ☐</td> <td style="border: none;">Prod. Eng. Coord. ☐</td> <td style="border: none;">Quality ☐</td> </tr> <tr> <td style="border: none;">Thermoforming ☐</td> <td style="border: none;">Finishing ☐</td> <td style="border: none;">Rec/Store/Packaging ☐</td> <td style="border: none;">Other ☐</td> </tr> <tr> <td style="border: none;">Large Fab ☐</td> <td style="border: none;">Composite ☐</td> <td style="border: none;">Supplier ☐</td> <td></td> </tr> </table>						Skid-tube ☐	Cross tube ☐	Water Jet ☐	Engineering ☐	Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐	Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐	Large Fab ☐	Composite ☐	Supplier ☐	
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		OTHER : ☐																							

Picklist Print

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Work Order ID: 148685

148685

Parent Item: D412-702-307

D412-702-307

Parent Item Name: Harness Assembly

Start Date: 6/29/2016

Required Date: 7/5/2016

Start Qty: 2.00

Required Qty: 2.00

Comments: IPP Rev:A new issue DD 10.04.30 verified:EC

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
---------------------------------	------------------------	---------------	-------------	---------------------	------------------	-----------------	--------------------	----------------	-------------	--------------	---------------	----------------	--------

D3573-3

Manufactured

No

100

Each

7.0000

1

2

D3573-3

Adapter

**

16/09/13 DAS 36 9-89

Location

Loc Qty

Loc Code

GA

7

145970

1

148403

6

D4088-041

Manufactured

No

100

Each

20.0000

1

2

D4088-041

Shoulder Harness

**

DAS 6 9-89

Location

Loc Qty

Loc Code

ST466

12

145238

4

147364

2

148656

6

ST467

8

148138

8

MS24693-S272

Purchased

No

100

Each

99.0000

4

8

MS24693-S272

SCREW

**

DAS 6 9-89

Location

Loc Qty

Loc Code

GA

4

M126190

3

M134738

1

ST286

95

M129682

25

M130799

2

M135046

68

SEP 07 2016

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

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Picklist Print

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Work Order ID: 148685

Parent Item: D412-702-307

Parent Item Name: Harness Assembly

148685
D412-702-307

Start Date: 6/29/2016

Required Date: 7/5/2016

Start Qty: 2.00

Required Qty: 2.00

NAS1149D0316J

Purchased

No

100

Each

1,442.000

4

8

NAS1149D0316.I

Washer

**

DAS
6
9-89

Location

Loc Qty

Loc Code

ST264

1442

M134502

1442

MS21042L3

Purchased

No

100

Each

1,788.000

4

8

MS21042I 3

Nut

**

Location

Loc Qty

Loc Code

FP001

14

m133790

14

GA

303

m134360

112

m135135

191

OVER007

600

m135530

600

ST303

871

m135135

271

m135407

600

DAS
6
9-89

SEP 07 2016

Wednesday, September 07, 2016 7:53:08 AM

Shop Packet Print

Page 2

DQA: _____ Date: _____

WORK ORDER NON-CONFORMANCE / UPDATE



QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐			
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Description Work Order Deviation		Disposition		Completed By	
				Lead hand / Supervisor Approval Verification	
				QC / QA Coordinator Approval	
Root Cause Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐ No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐		FAULT CATEGORY Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐ Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Mislabeled ☐ Fit/Function ☐ Misaligned/off center ☐ Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐			
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